

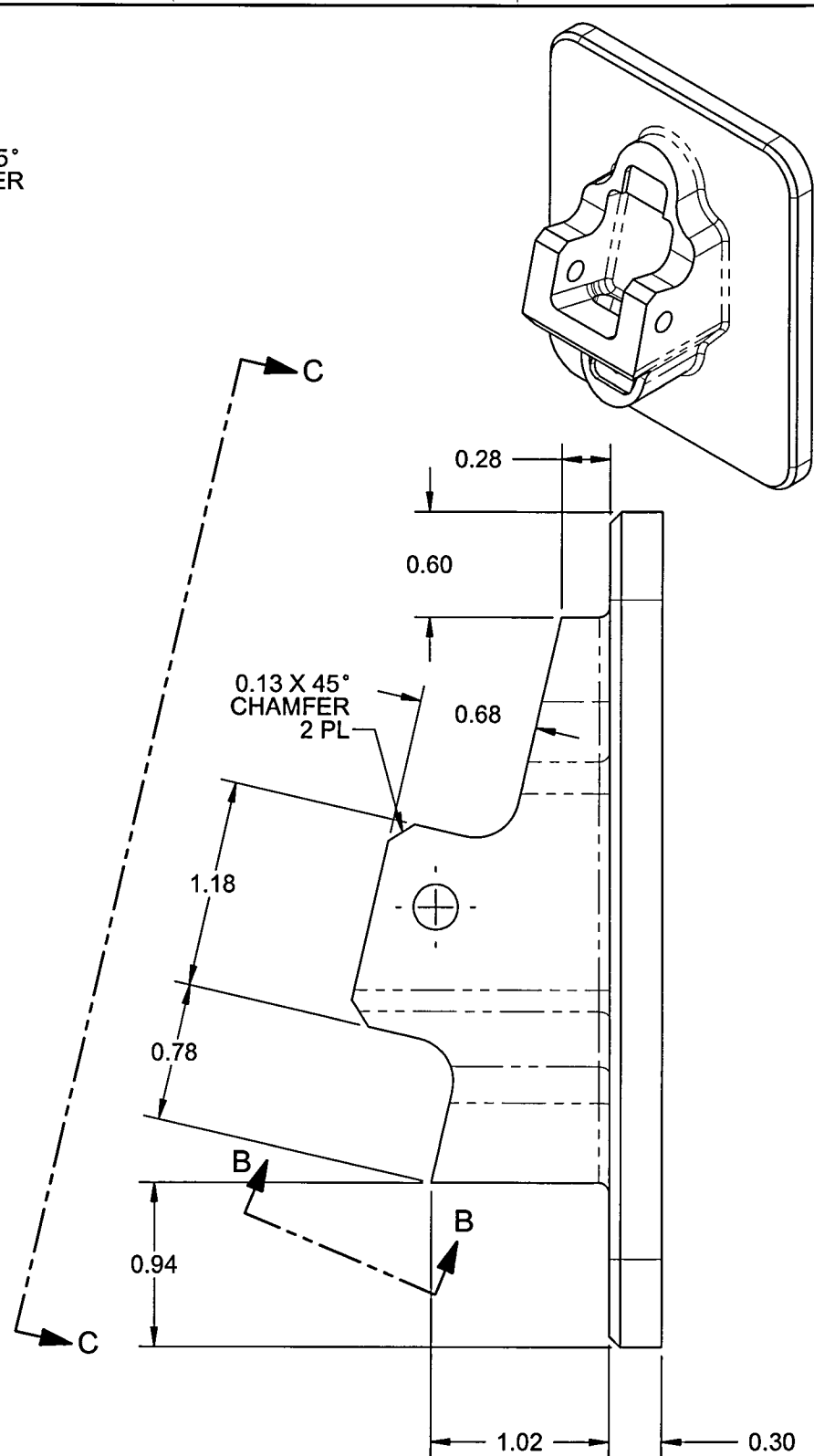
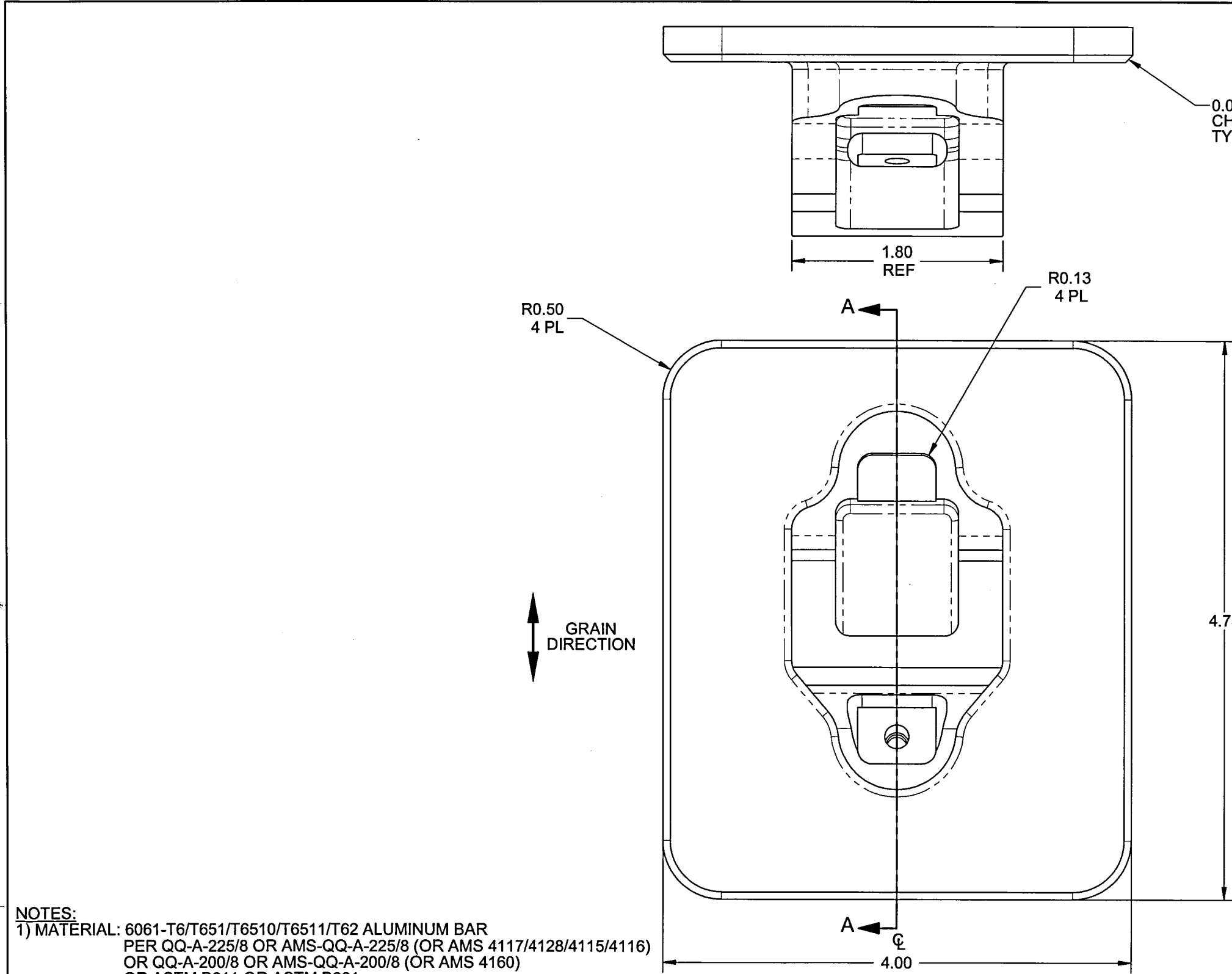
D4101-041 PRE-FLIGHT STEP ASSY

- NOTES:  
1) MATERIAL: N/A  
2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: NONE  
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1  
7) WEIGHT: 1.18 lbs  
8) INSTALL NAS1149D0432J WASHER IN BETWEEN STEP AND BRACKET MATING FACES  
9) TORQUE AN525-832R6 SCREW TO 15-25 in-lb

RELEASED  
2018 MAY 03  
ECN 18-721

APPROVED

D	ADDED MATERIAL TO -1/-3, ZNA8-2, ZNA8-4; REF CAR17-182	VS	18.01.11
C	SHT 1 BOM: ITEM 7 WAS MS24665-136. SHT 1 NOTE 10 DELETED. SHT 5 MATERIAL CHANGE D4101-5, DELRIN WAS LEXAN. REASON: CIR15-54	DB	15.10.21
B	NAS1149D0432J WAS NAS1149D0416J (ZN D3-1); ADD SCREW AND HELICOIL (ZN D3-1& B1-3); RE-DESIGN D4101-5 (ZN B4-5)	RF	10.08.05
A	NEW ISSUE	RF	10.07.12
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VS		
CHECKED	RF	DRAWING NO.	REV. D
MFG. APPR.	RQ	D4101	SHEET 1 OF 5
APPROVED	DSW	TITLE	SCALE
DE APPR.	DS	PRE-FLIGHT STEP ASSEMBLY	NTS
DATE	18.01.11	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



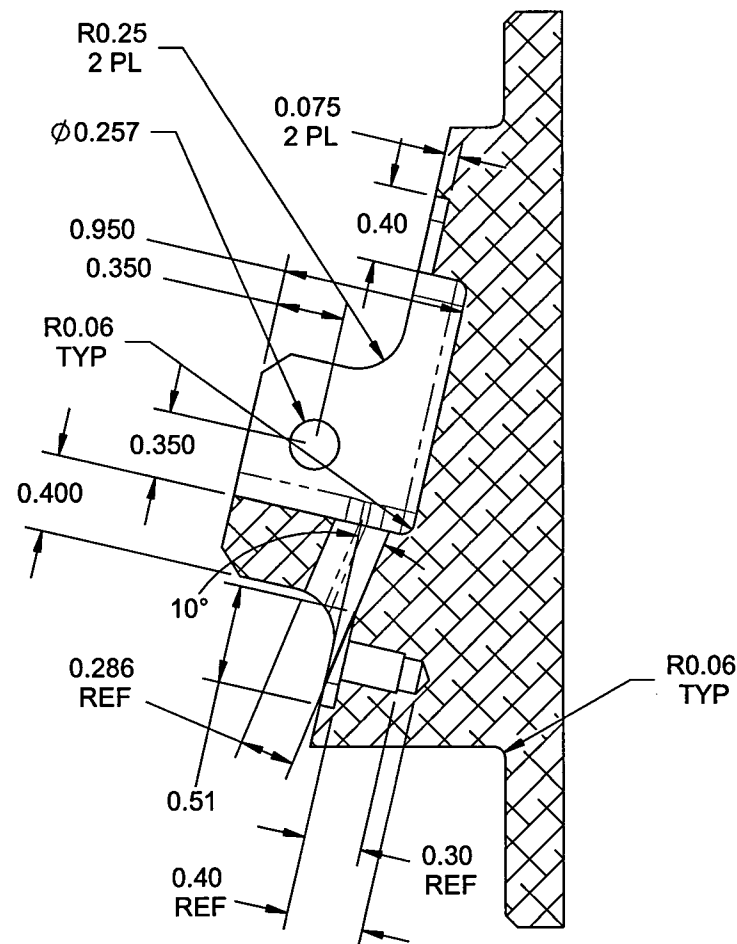
NOTES:  
1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)  
OR ASTM B211 OR ASTM B221  
REF DART SPEC M6061T6B  
OR  
6061-T6/T62 ALUMINUM SHEET  
PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027  
OR ASTM B209  
REF DART SPEC M6061T6S  
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: N/A  
7) WEIGHT: 0.85 lbs

**D4101-1 BRACKET**

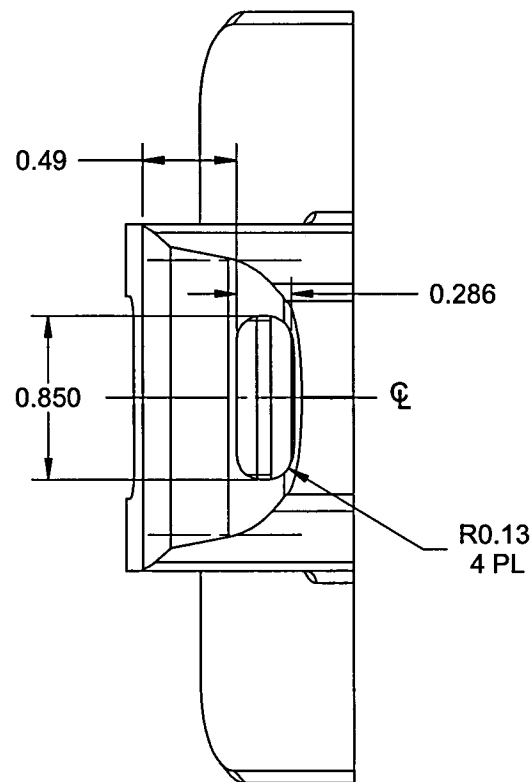
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2018 MAY 03

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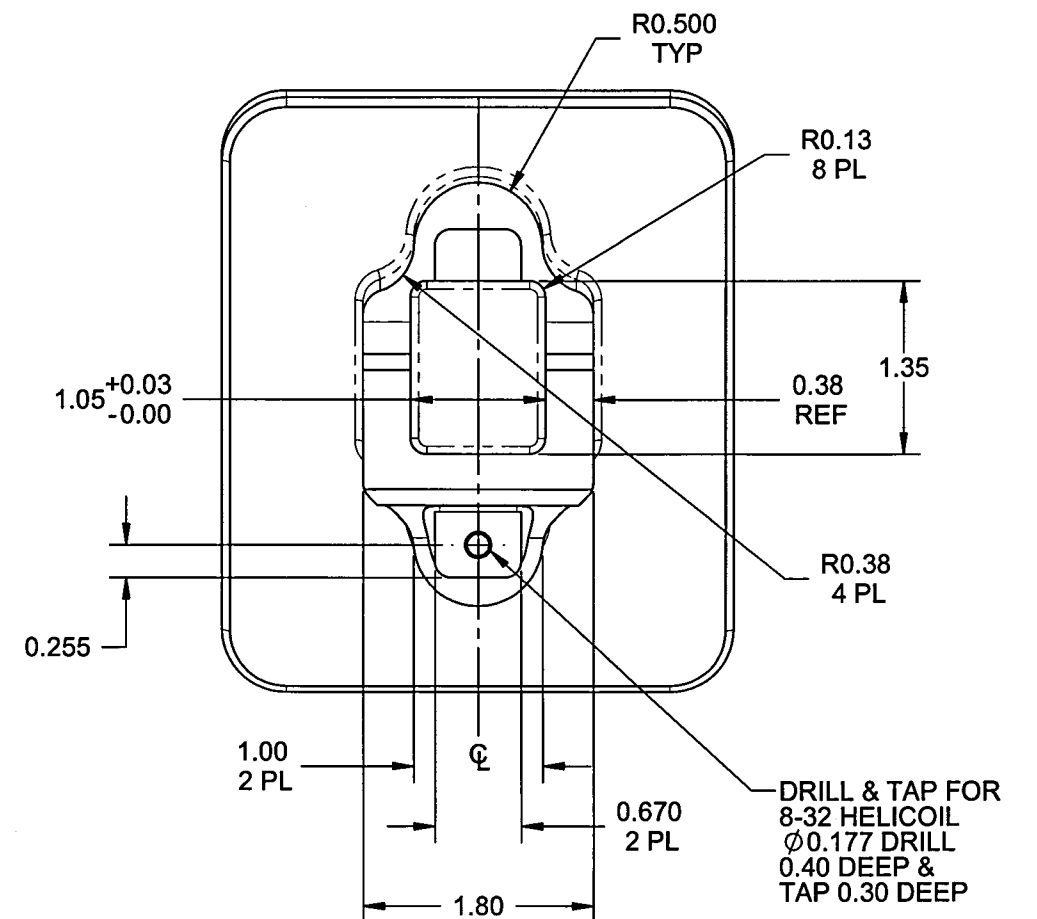
DESIGN	RF	<b>DART AEROSPACE LTD</b>	
DRAWN	VS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. D
MFG. APPR.	RQ	<b>D4101</b>	SHEET 2 OF 5
APPROVED	DSW	TITLE	SCALE
DE APPR.	DS	<b>PRE-FLIGHT STEP ASSEMBLY</b>	NTS
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**SECTION A-A**  
SCALE 2X



**VIEW B-B**  
SCALE 2X



**VIEW C-C**  
SCALE 1.5X

**RELEASED**  
2018 MAY 03 47

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b>	
DRAWN	VS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. D
MFG. APPR.	RQ	<b>D4101</b>	SHEET 3 OF 5
APPROVED	DSW	TITLE	SCALE
DE APPR.	DS	<b>PRE-FLIGHT STEP ASSEMBLY</b>	NTS
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8

7

6

5

4

3

2

1

D

C

B

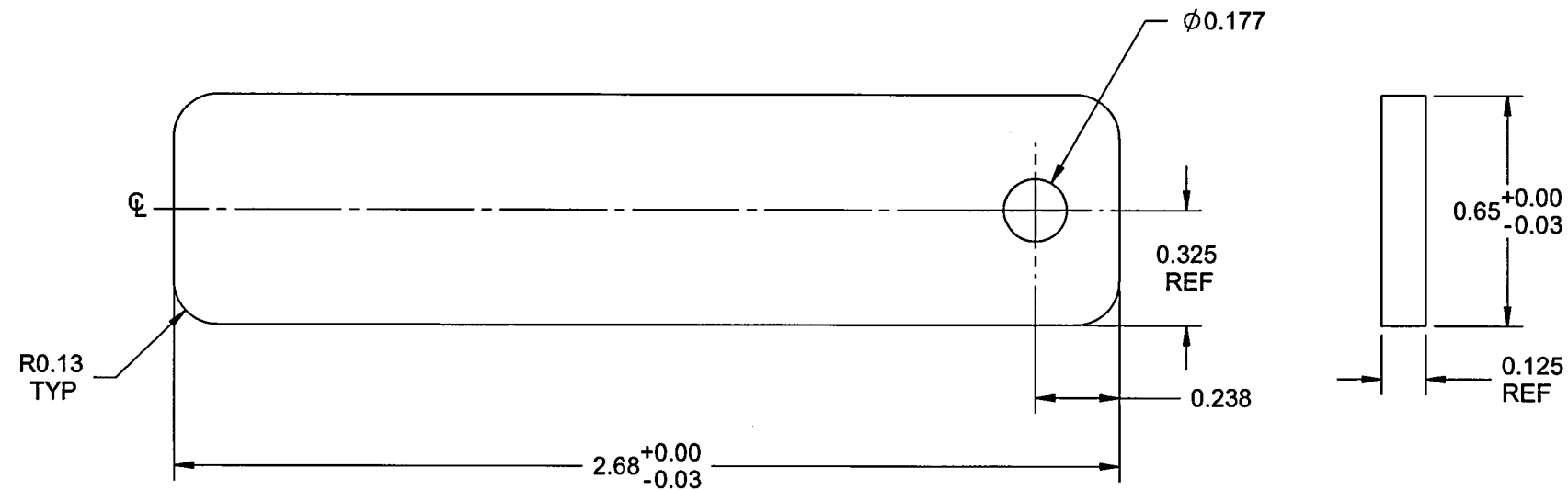
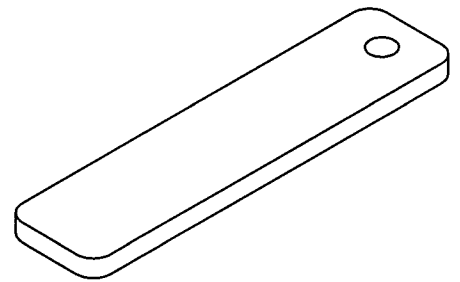
A

D

C

B

A

**D4101-5 SPRING****NOTES:**

- 1) MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL SHEET, BLACK, 0.125 THICK  
REF DART SPEC M-DELRIN-S.125
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.01 lbs

**RELEASED**2018 MAY 03 *47***APPROVED**

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	VS		
CHECKED	RF	DRAWING NO. <b>D4101</b>	REV. D
MFG. APPR.	RQ	SHEET 5 OF 5	
APPROVED	DSW	TITLE	SCALE
DE APPR.	DS	<b>PRE-FLIGHT STEP ASSEMBLY</b>	NTS
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